

=> d his

(FILE 'HOME' ENTERED AT 09:24:52 ON 13 JAN 2004)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 09:25:23 ON 13 JAN 2004

```

      E TREM
L1      6 S E3()1
L2      1 S E3()1SV
L3      37 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL
L4      2 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?
L5      39 S L1-L4
L6      19 S L5 AND PROTEIN/FS
L7      20 S L5 NOT L6
      E DAP
L8      19 S E6
L9      2 S E3()12

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FILE 'HCAPLUS' ENTERED AT 09:29:50 ON 13 JAN 2004

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L10     16 S L6
L11     22 S L7
      E TREM
L12     7 S E4
L13     14 S E3() (1 OR 1SV OR 1 SV)
L14     2 S E3(L)SPLICE(L)VARIANT
L15     2 S E3(L)SPLICE(L)VARI?
L16     0 S E3(L)SPLICE(L)VARY
L17     124 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL
L18     298 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?
L19     417 S L10-L18
L20     1 S L19 AND L8,L9
L21     18 S L19 AND (?DAP12? OR DAP 12)
L22     40 S DNAX ACTIVATION PROTEIN 12
L23     14 S L19 AND L22
L24     18 S L20,L21,L23
      SEL DN AN 1 3 7 8 10 17
L25     6 S L24 AND E1-E18
L26     12 S L24 NOT L25
      E GINGRAS M/AU
L27     32 S E3,E5,E8,E9
      E MARGOLIN J/AU
L28     16 S E3,E5-E8
L29     2 S L27,L28 AND L19
L30     2 S L27,L28 AND ?TREM?
L31     2 S L27,L28 AND TRIGGER?(L)RECEPTOR
L32     2 S L29-L31
L33     12 S L32,L26
L34     6 S L33 AND ?INFLAM?
L35     4 S L33 AND (TRANSPLANT? OR BONE MARROW OR ?GVHD? OR GRAFT?(L)HOS
L36     1 S L33 AND REJECT?
L37     7 S L32,L34-L36
L38     5 S L33 NOT L37
L39     11 S L37,L38 AND ?TREM?
L40     12 S L37,L38,L39
      SEL HIT RN

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FILE 'REGISTRY' ENTERED AT 09:43:20 ON 13 JAN 2004

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L41     14 S E1-E14
L42     8 S L41 AND L6
L43     0 S L41 AND L8,L9
L44     6 S L41 AND L7

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=> fil hcaplus

- inflammatory responses)
- IT Cell degranulation
(neutrophil; TREM receptor cDNA sequences of human and role of
TREM-1 in neutrophil and monocyte-mediated
inflammatory responses)
- IT 137632-07-6, Kinase (phosphorylating), protein, ERK1 137632-08-7, Kinase
(phosphorylating), protein, ERK2
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(TREM receptor cDNA sequences of human and role of **TREM-1**
in neutrophil and monocyte-mediated inflammatory responses in
relation to)
- IT 212838-42-1
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); PRP (Properties); BIOL (Biological study)
(amino acid sequence; TREM receptor cDNA sequences of human and role of
TREM-1 in neutrophil and monocyte-mediated
inflammatory responses)
- IT 212705-37-8
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)
(amino acid sequence; TREM receptor cDNA sequences of human and role of
TREM-1 in neutrophil and monocyte-mediated
inflammatory responses)
- IT 265069-50-9, GenBank AF213457 266986-11-2, GenBank
AF196329
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)
(nucleotide sequence; TREM receptor cDNA sequences of human and role of
TREM-1 in neutrophil and monocyte-mediated
inflammatory responses)
- IT 63551-76-8
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(γ ; TREM receptor cDNA sequences of human and role of
TREM-1 in neutrophil and monocyte-mediated
inflammatory responses in relation to)

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Bakker, A; Proc Natl Acad Sci USA 1999, V96, P9792 HCAPLUS
- (2) Barclay, N; The Leukocyte Antigen Facts Book 2nd Ed 1997
- (3) Cantoni, C; J Exp Med 1999, V189, P787 HCAPLUS
- (4) Cella, M; J Exp Med 1997, V185, P1743 HCAPLUS
- (5) Dietrich, J; J Immunol 2000, V164, P9 HCAPLUS
- (6) Downey, G; Semin Cell Biol 1995, V6, P345 HCAPLUS
- (7) Kubagawa, H; J Exp Med 1999, V189, P309 HCAPLUS
- (8) Lanier, L; Annu Rev Immunol 1998, V16, P359 HCAPLUS
- (9) Nakajima, H; J Immunol 1999, V162, P5 HCAPLUS
- (10) Rosenberg, H; Fundamental Immunology 4th Ed 1999, P1051
- (11) Springer, T; Cell 1994, V76, P301 HCAPLUS
- (12) Traunecker, A; Trends Biotechnol 1991, V9, P109 HCAPLUS
- (13) Ulevitch, R; Curr Opin Immunol 1999, V11, P19 HCAPLUS
- (14) Yamashita, Y; J Immunol 1998, V161, P4042 HCAPLUS

=> d his

(FILE 'HOME' ENTERED AT 09:24:52 ON 13 JAN 2004)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 09:25:23 ON 13 JAN 2004

E TREM

L1

6 S E3()1

L2 1 S E3()1SV
 L3 37 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL
 L4 2 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?
 L5 39 S L1-L4
 L6 19 S L5 AND PROTEIN/FS
 L7 20 S L5 NOT L6
 E DAP
 L8 19 S E6
 L9 2 S E3()12

FILE 'HCAPLUS' ENTERED AT 09:29:50 ON 13 JAN 2004

L10 16 S L6
 L11 22 S L7
 E TREM
 L12 7 S E4
 L13 14 S E3() (1 OR 1SV OR 1 SV)
 L14 2 S E3(L)SPLICE(L)VARIANT
 L15 2 S E3(L)SPLICE(L)VARI?
 L16 0 S E3(L)SPLICE(L)VARY
 L17 124 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL
 L18 298 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?
 L19 417 S L10-L18
 L20 1 S L19 AND L8,L9
 L21 18 S L19 AND (?DAP12? OR DAP 12)
 L22 40 S DNAX ACTIVATION PROTEIN 12
 L23 14 S L19 AND L22
 L24 18 S L20,L21,L23
 SEL DN AN 1 3 7 8 10 17
 L25 6 S L24 AND E1-E18
 L26 12 S L24 NOT L25
 E GINGRAS M/AU
 L27 32 S E3,E5,E8,E9
 E MARGOLIN J/AU
 L28 16 S E3,E5-E8
 L29 2 S L27,L28 AND L19
 L30 2 S L27,L28 AND ?TREM?
 L31 2 S L27,L28 AND TRIGGER?(L)RECEPTOR
 L32 2 S L29-L31
 L33 12 S L32,L26
 L34 6 S L33 AND ?INFLAM?
 L35 4 S L33 AND (TRANSPLANT? OR BONE MARROW OR ?GVHD? OR GRAFT?(L)HOS
 L36 1 S L33 AND REJECT?
 L37 7 S L32,L34-L36
 L38 5 S L33 NOT L37
 L39 11 S L37,L38 AND ?TREM?
 L40 12 S L37,L38,L39
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:43:20 ON 13 JAN 2004

L41 14 S E1-E14
 L42 8 S L41 AND L6
 L43 0 S L41 AND L8,L9
 L44 6 S L41 AND L7

FILE 'HCAPLUS' ENTERED AT 09:44:42 ON 13 JAN 2004

FILE 'REGISTRY' ENTERED AT 09:44:55 ON 13 JAN 2004

FILE 'BIOSIS' ENTERED AT 09:45:45 ON 13 JAN 2004

E GRINGRAS M/AU
 L45 11 S E3
 E MARGOLIN J/AU
 L46 33 S E3,E4,E8-E10

L47 2 S L45,L46 AND ?TREM?
 L48 1 S L45,L46 AND ?TRIGGER?
 L49 1 S L45,L46 AND ?DAP12?
 L50 0 S L45,L46 AND ?DNAX?
 L51 2 S L47-L49
 L52 42 S L45,L46 NOT L51
 L53 0 S L45 AND L46
 E GINGRAS/AU
 E GINGRAS M/AU
 L54 29 S E3,E5
 L55 21 S E9,E10
 L56 7 S L45,L54,L55 AND L46
 L57 3 S L45,L54,L55 AND (?TRIGGER? OR ?TREM? OR ?DAP12? OR ?DNAX?)
 L58 1 S L56 AND L57
 L59 1 S L51 NOT L57
 L60 8 S L56,L57 NOT L51,L58-L59
 SEL DN AN 7 L60
 L61 1 S E1-E2
 L62 2 S L59,L61 AND L45-L61

FILE 'BIOSIS' ENTERED AT 09:52:25 ON 13 JAN 2004

FILE 'WPIX' ENTERED AT 09:52:37 ON 13 JAN 2004

 E TREM/BIX
 E TREM/BI,ABEX
 L63 21 S E3,E4,E5
 L64 7 S (TRIGGER?(L)RECEPTOR?(L)EXPRESS?(L)?MYELO?)/BIX
 L65 3 S (TRIGGER?(L)RECEPTOR?(L)EXPRESS?(L)?MONOCYT?)/BIX
 L66 26 S L63-L65
 E DAP
 E DAP/BI,ABEX
 L67 8 S E9,E10
 L68 2 S DAP()12/BIX
 L69 1 S L22/BIX
 L70 33 S DNAX/BIX
 L71 2 S L66 AND L67-L70
 L72 9 S L66 AND (?INFLAM? OR TRANSPLANT? OR BONE MARROW OR ?GVHD? OR
 L73 7 S L66 AND (B14-A01 OR C14-A01 OR B12-A01 OR C12-A01 OR B14-C09?
 L74 5 S L66 AND A61K038/IC,ICM,ICS
 L75 6 S L66 AND C07K/IC,ICM,ICS
 L76 11 S L71-L75
 SEL DN AN 5 7 8 9 10 11
 L77 5 S L76 NOT E1-E14
 E GINGRAS M/AU
 L78 1 S L66 AND E3
 E MARGOLIN J/AU
 L79 1 S L66 AND E3,E4
 L80 6 S L77-L79

FILE 'WPIX' ENTERED AT 10:10:24 ON 13 JAN 2004

FILE 'DPCI' ENTERED AT 10:10:42 ON 13 JAN 2004

 E WO2002058721/PN
 L81 1 S E3

FILE 'DPCI' ENTERED AT 10:11:12 ON 13 JAN 2004

FILE 'WPIX' ENTERED AT 10:11:36 ON 13 JAN 2004

L82 2 S (US6087331 OR WO9918126)/PN
 L83 2 S L82 NOT L80

FILE 'WPIX' ENTERED AT 10:11:54 ON 13 JAN 2004

L84 FILE 'MEDLINE' ENTERED AT 10:12:03 ON 13 JAN 2004
0 S BOUCHON ?/AU AND 2000/PY AND (164 AND 15 AND 4991)/SO

L85 FILE 'HCAPLUS' ENTERED AT 10:12:43 ON 13 JAN 2004
0 S BOUCHON ?/AU AND 2000/PY AND (164 AND 15 AND 4991)/SO
E J IMMUN/JT
L86 2 S E7 AND BOUCHON ?/AU
L87 1 S L86 AND L19

FILE 'HCAPLUS' ENTERED AT 10:13:40 ON 13 JAN 2004

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GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: January 12, 2004, 17:40:15 ; Search time 21 Seconds
(without alignments)
302.220 Million cell updates/sec

Title: US-10-021-509-2

Perfect score: 795
Sequence: 1 MKRRLMGLMVLFSVSLRA.....LVTKGRCSTLSRWLVDS 150

Scoring table:

BLOSUM62
Gapcp 10.0, Gapext 0.5

Searched: 328717 segs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database:

Issued Patents AA:*
1: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
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5: /cgn2_6/prodata/1/1aa/5C_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/5D_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	725	91.2	234	4	US-09-149-476-478 Sequence 478, App
2	725	91.2	234	4	US-09-702-705-1825 Sequence 1825, App
3	725	91.2	234	4	US-09-736-457-1825 Sequence 1825, App
4	95.5	12.0	352	2	US-09-996-243-505 Sequence 505, App
5	95.5	12.0	365	3	US-08-928-383B-2 Sequence 2, App
6	95.5	12.0	365	3	US-09-272-496-2 Sequence 2, App
7	95.5	12.0	466	4	US-09-604-107A-8 Sequence 8, App
8	93.5	11.8	365	3	US-08-928-383B-23 Sequence 23, App
9	93.5	11.8	365	3	US-08-928-383B-24 Sequence 24, App
10	93.5	11.8	365	3	US-08-928-383B-26 Sequence 26, App
11	93.5	11.8	323	6	5260223-4 Parent No. 5260223
12	93.5	11.8	323	6	5260223-4 Parent No. 5260223
13	92.5	11.6	388	1	US-08-429-742-2 Sequence 2, App
14	89.5	11.3	388	1	US-08-429-742-4 Sequence 4, App
15	87.5	11.0	323	5	US-09-651-200-21 Sequence 21, App
16	87.5	11.0	323	5	PCT-US94-09642-2 Sequence 2, App
17	87.5	11.0	329	2	US-08-456-104-2 Sequence 2, App
18	87.5	11.0	329	2	US-08-101-624-2 Sequence 2, App
19	87.5	11.0	329	2	US-08-479-744A-2 Sequence 2, App
20	87.5	11.0	329	3	US-08-280-757B-2 Sequence 2, App
21	87.5	11.0	329	3	US-08-205-697A-3 Sequence 2, App
22	87.5	11.0	329	3	US-08-702-525-23 Sequence 23, App
23	87.5	11.0	329	4	US-08-403-135A-4 Sequence 4, App
24	87.5	11.0	329	4	US-09-667-135-32 Sequence 32, App
25	87.5	11.0	329	4	US-08-435-816A-4 Sequence 4, App
26	87.5	11.0	329	5	PCT-US95-02576-23 Sequence 23, App
27	86	10.8	561	3	US-09-227-717-4 Sequence 4, App

28	86	10.8	561	4	US-09-173-151A-23 Sequence 23, App
29	85	10.7	253	4	US-09-310-463-36 Sequence 36, App
30	85	10.7	287	4	US-09-310-463-32 Sequence 32, App
31	84	10.6	110	3	US-08-479-744A-45 Sequence 45, App
32	84	10.6	110	3	US-08-280-757B-45 Sequence 45, App
33	82.5	10.4	458	6	5223394-7 Patent No. 5223394
34	81.5	10.3	113	4	US-09-553-949-8 Sequence 8, App
35	81.5	10.3	771	3	US-08-434-000A-8 Sequence 8, App
36	81.5	10.3	771	3	US-09-312-157-8 Sequence 8, App
37	81	10.2	332	4	US-09-996-243-517 Sequence 517, App
38	79.5	10.0	757	3	US-08-434-000A-6 Sequence 6, App
39	79.5	10.0	757	4	US-09-312-157-6 Sequence 6, App
40	78.5	9.9	325	4	US-09-651-200-20 Sequence 20, App
41	78	9.8	234	2	US-07-690-192-2 Sequence 2, App
42	77.5	9.7	624	4	US-08-642-406A-22 Sequence 22, App
43	77.5	9.7	624	4	US-09-199-534-22 Sequence 22, App
44	77.5	9.7	624	4	US-09-199-534-22 Sequence 22, App
45	77.5	9.7	769	3	US-08-434-000A-10 Sequence 10, App

ALIGNMENTS

RESULT 1
US-09-149-476-478
Sequence 478, Application US/09149476
Patent No. 6420526
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P
CURRENT APPLICATION NUMBER: US/09/149,476
CURRENT FILING DATE: 1998-09-08
EARLIER APPLICATION NUMBER: PCT/US98/04493
EARLIER FILING DATE: 1998-03-06
EARLIER APPLICATION NUMBER: 60/040,162
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,333
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/038,621
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,626
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,334
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,336
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,163
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/047,600
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,615
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,597
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,502
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,633
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,583
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,617
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,618
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,503
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,592
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,581
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,584
EARLIER FILING DATE: 1997-05-23

Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSWLVD 150

RESULT 2

US-10-414-378-22
Sequence 22, Application US/10414378
Publication No. US20030165981A1
GENERAL INFORMATION:
APPLICANT: FUKUSHIMA, DAIRICHI
APPLICANT: SHIBAYAMA, SHIRO
APPLICANT: TADA, HIDEAKI
TITLE OF INVENTION: POLYPEPTIDE, CDNA ENCODING THE POLYPEPTIDE, AND USE OF
FILE REFERENCE: Q58769
CURRENT FILING DATE: 2003-04-16
PRIOR FILING DATE: 1997-10-07
PRIOR APPLICATION NUMBER: US/09/529,063
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: PCT/JP98/04514
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: JP 9-274674
PRIOR FILING DATE: 1997-10-07
NUMBER OF SEQ ID NOS: 117
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 22
LENGTH: 150
TYPE: PRT
ORGANISM: Homo sapiens
US-10-414-378-22

Query Match

Best Local Similarity 100.0%; Score 795; DB 12; Length 150;
Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTRMGLLMMLFVSELRATKLTTEKYELEGGQTLDPKCDYTLTEKFASSQKAWQIIRD 60
Db 1 MKRTRMGLLMMLFVSELRATKLTTEKYELEGGQTLDPKCDYTLTEKFASSQKAWQIIRD 60
QY 61 GEMPTLACTERPSPKNSHPVOVGRILLEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120
Db 61 GEMPTLACTERPSPKNSHPVOVGRILLEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120
QY 121 EPHMLFDRIRLVVTKGFRCSLTSFSWLVD 150
Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSWLVD 150

RESULT 3

US-10-021-509-2
Sequence 2, Application US/10021509
Publication No. US20020128444A1
GENERAL INFORMATION:
APPLICANT: MARGOLIN, JUDITH F.
APPLICANT: GINGRAS, MARIE-CLAUDE
TITLE OF INVENTION: TREM-1 SPLICED VARIANT FOR USE IN MODIFYING IMMUNE RESPONSES
FILE REFERENCE: P02046US1/10023489/OTR#01-07
CURRENT FILING DATE: 2001-12-07
PRIOR FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 60/254,404
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 150
TYPE: PRT
ORGANISM: HUMAN
US-10-021-509-2

Query Match 100.0%; Score 795; DB 14; Length 150;
Best Local Similarity 100.0%; Pred. No. 5,9e-78;
Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTRMGLLMMLFVSELRATKLTTEKYELEGGQTLDPKCDYTLTEKFASSQKAWQIIRD 60
Db 1 MKRTRMGLLMMLFVSELRATKLTTEKYELEGGQTLDPKCDYTLTEKFASSQKAWQIIRD 60

QY 61 GEMPTLACTERPSPKNSHPVOVGRILLEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120
Db 61 GEMPTLACTERPSPKNSHPVOVGRILLEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120

QY 121 EPHMLFDRIRLVVTKGFRCSLTSFSWLVD 150
Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSWLVD 150

RESULT 4

US-09-809-391-759
Sequence 759, Application US/09809391
Publication No. US20030049618A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P2
CURRENT FILING DATE: 2001-03-16
PRIOR FILING DATE: 2001-03-16
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 761
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 759
LENGTH: 198
TYPE: PRT
ORGANISM: Homo sapiens
US-09-809-391-759

Query Match 91.2%; Score 725; DB 11; Length 198;
Best Local Similarity 100.0%; Pred. No. 3.1e-70;
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTRMGLLMMLFVSELRATKLTTEKYELEGGQTLDPKCDYTLTEKFASSQKAWQIIRD 60
Db 1 MKRTRMGLLMMLFVSELRATKLTTEKYELEGGQTLDPKCDYTLTEKFASSQKAWQIIRD 60
QY 61 GEMPTLACTERPSPKNSHPVOVGRILLEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120
Db 61 GEMPTLACTERPSPKNSHPVOVGRILLEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120
QY 121 EPHMLFDRIRLVVTKGFRCSLTSFSWLVD 137
Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSWLVD 137

RESULT 5

US-09-882-171-759
Sequence 759, Application US/09882171
Publication No. US20030175858A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P2
CURRENT FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: US/09/882,171
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 09/809,391
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: PCT/US98/04493
PRIOR FILING DATE: 1998-03-06
PRIOR APPLICATION NUMBER: 60/040,162
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,333
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/038,621
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,626
PRIOR FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/057,669
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/049,610
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/061,060
EARLIER FILING DATE: 1997-10-02

Query Match 91.2%; Score 725; DB 4; Length 234;
Best Local Similarity 100.0%; Pred. No. 8,2e-77;
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKQGLDVKCDYTLTEKFASSQKAMQIIRD 60
DB 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKQGLDVKCDYTLTEKFASSQKAMQIIRD 60
QY 61 GEMPKTLACTERPSKNSHPVQVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120
DB 61 GEMPKTLACTERPSKNSHPVQVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120
QY 121 EPHMLFDRIRLVVTKGF 137
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 2
US-09-702-705-1825
Sequence 1825, Application US/09702705
Patent No. 6504010

GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaltanya S.
APPLICANT: Lodges, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedrick, Tom
APPLICANT: Carter, Darick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1825
LENGTH: 234
TYPE: PRT
ORGANISM: Homo sapiens
US-09-702-705-1825

Query Match 91.2%; Score 725; DB 4; Length 234;
Best Local Similarity 100.0%; Pred. No. 8,2e-77;
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKQGLDVKCDYTLTEKFASSQKAMQIIRD 60
DB 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKQGLDVKCDYTLTEKFASSQKAMQIIRD 60
QY 61 GEMPKTLACTERPSKNSHPVQVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120
DB 61 GEMPKTLACTERPSKNSHPVQVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120
QY 121 EPHMLFDRIRLVVTKGF 137
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 3
US-09-736-457-1825
Sequence 1825, Application US/09736457
Patent No. 6509448
GENERAL INFORMATION:

APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaltanya S.
APPLICANT: Lodges, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedrick, Tom
APPLICANT: Carter, Darick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1825
LENGTH: 234
TYPE: PRT
ORGANISM: Homo sapiens
US-09-736-457-1825

Query Match 91.2%; Score 725; DB 4; Length 234;
Best Local Similarity 100.0%; Pred. No. 8,2e-77;
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKQGLDVKCDYTLTEKFASSQKAMQIIRD 60
DB 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKQGLDVKCDYTLTEKFASSQKAMQIIRD 60
QY 61 GEMPKTLACTERPSKNSHPVQVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120
DB 61 GEMPKTLACTERPSKNSHPVQVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120
QY 121 EPHMLFDRIRLVVTKGF 137
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 4
US-09-996-243-505
Sequence 505, Application US/09996243
Patent No. 647825

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavitt, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C13
CURRENT APPLICATION NUMBER: US/09/996,243

Jan 13 06:06:18 2004

US-10-021-509-2.rapb

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OR APPLICATION NUMBER: 60/043, 576
OR FILING DATE: 1997-04-11
OR APPLICATION NUMBER: 60/047, 501
OR FILING DATE: 1997-05-23
OR APPLICATION NUMBER: 60/043, 670
OR FILING DATE: 1997-04-11
OR APPLICATION NUMBER: 60/056, 632
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 664
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 876
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 881
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 909
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 875
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 862
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 887
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/056, 908
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/048, 964
OR FILING DATE: 1997-06-06
OR APPLICATION NUMBER: 60/057, 650
OR FILING DATE: 1997-09-05
OR APPLICATION NUMBER: 60/056, 894
OR FILING DATE: 1997-08-22
OR APPLICATION NUMBER: 60/057, 669
OR FILING DATE: 1997-09-05

Very Match 91.2%; Score 725; DB 12; Length 198;
Best Local Similarity 100.0%; Pred. No. 3, 1e-70;
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MKRTLMGILMMLFVSELRATKLTTEKYEKSGQTLDPKCDYTLERKASSQKAWOIIIRD 60
1 MKRTLMGILMMLFVSELRATKLTTEKYEKSGQTLDPKCDYTLERKASSQKAWOIIIRD 60
61 GEMPTLACTERPSSKSHPVQVGRILIEDYHGHGLLRVMNNLQVEDSGLYQCVIYQPPK 120
61 GEMPTLACTERPSSKSHPVQVGRILIEDYHGHGLLRVMNNLQVEDSGLYQCVIYQPPK 120
121 EPHMLFDRIRLVVTKGF 137
121 EPHMLFDRIRLVVTKGF 137

SUBMIT 6
-09-736-457-1825
Sequence 1825, Application US/09736457
Patent No. US2002016837A1
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodges, Michael A.
APPLICANT: Ranger, Gary
APPLICANT: Vedavick, Tom
APPLICANT: Carter, Darick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
APPLICANT: Wang, Aijun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
FILE REFERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1964
SOFTWARE: FastSeq for Windows Version 3.0
NO 1825

LENGTH: 234
TYPE: PRT
ORGANISM: Homo sapiens
US-09-736-457-1825

Query Match 91.2%; Score 725; DB 10; Length 234;
Best Local Similarity 100.0%; Pred. No. 3, 9e-70;
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGILMMLFVSELRATKLTTEKYEKSGQTLDPKCDYTLERKASSQKAWOIIIRD 60
DB 1 MKRTLMGILMMLFVSELRATKLTTEKYEKSGQTLDPKCDYTLERKASSQKAWOIIIRD 60
QY 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHGHGLLRVMNNLQVEDSGLYQCVIYQPPK 120
DB 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHGHGLLRVMNNLQVEDSGLYQCVIYQPPK 120
QY 121 EPHMLFDRIRLVVTKGF 137
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 7
US-09-902-941-1825
Sequence 1825, Application US/09902941
Patent No. US20020172952A1
GENERAL INFORMATION:
APPLICANT: Henderson, Robert A.
APPLICANT: Wang, Tongtong
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Johnson, Jeffrey C.
APPLICANT: Retter, Marc W.
APPLICANT: Watanabe, Margarita
APPLICANT: Carter, Darick
APPLICANT: Ranger, Gary R.
APPLICANT: Vedavick, Thomas S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: McNabb, Andria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
FILE REFERENCE: 210121.478C17
CURRENT APPLICATION NUMBER: US/09/902,941
CURRENT FILING DATE: 2001-07-10
NUMBER OF SEQ ID NOS: 2002
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1825
LENGTH: 234
TYPE: PRT
ORGANISM: Homo sapiens
US-09-902-941-1825

Query Match 91.2%; Score 725; DB 10; Length 234;
Best Local Similarity 100.0%; Pred. No. 3, 9e-70;
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGILMMLFVSELRATKLTTEKYEKSGQTLDPKCDYTLERKASSQKAWOIIIRD 60
DB 1 MKRTLMGILMMLFVSELRATKLTTEKYEKSGQTLDPKCDYTLERKASSQKAWOIIIRD 60
QY 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHGHGLLRVMNNLQVEDSGLYQCVIYQPPK 120
DB 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHGHGLLRVMNNLQVEDSGLYQCVIYQPPK 120
QY 121 EPHMLFDRIRLVVTKGF 137
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 8
US-09-849-626-1825
Sequence 1825, Application US/09849626
Patent No. US20020197669A1
GENERAL INFORMATION: